

WHAT IS CLAIMED IS:

- 1 1. A mattress comprising:
2 a mattress core;
3 a first padding layer positioned on top of the core;
4 a second padding layer adjacent to the first padding layer; and
5 a bottom support layer beneath the core, wherein the bottom support layer
6 comprises a relatively dense and firm material;
7 wherein the first padding layer has a contoured surface that is positioned
8 against the second padding layer.
- 1 2. A mattress as in claim 1, wherein the core comprises a plurality of
2 springs, and further comprising individual fabric pockets encasing each spring.
- 1 3. A mattress as in claim 2, wherein the fabric pockets are disposed in
2 rows, and wherein adjacent rows of the fabric pockets are connected to each other near
3 midpoints of each of the pockets.
- 1 4. A mattress as in claim 1, wherein the bottom support layer is selected
2 from a group of support layers consisting of a matrix of foam elements, a polyurethane foam
3 and fibers.
- 1 5. A mattress as in claim 1, wherein the core is selected from a group
2 consisting of spring cores, latex cores, visco-elastic cores and bladders.
- 1 6. A mattress as in claim 4, wherein the bottom support layer has a
2 firmness in the range from about 30 IFD to about 80 IFD.
- 1 7. A mattress as in claim 1, wherein the bottom support layer has a
2 density greater than about one pound per cubic foot.
- 1 8. A mattress as in claim 1, wherein the contoured surface of the first
2 layer is convoluted and faces away from the core.
- 1 9. A mattress as in claim 4, wherein the bottom support layer has a
2 thickness in the range from about 0.5 inches to about 3 inches.

- 1 10. A mattress as in claim 1, wherein the first padding layer and the second
2 padding layer comprise polyurethane foam.
- 1 11. A mattress as in claim 10, wherein the second padding layer has a
2 density in the range from about 0.5 pounds to about 1.9 pounds, and an IFD in the range from
3 about 5 to about 23.
- 1 12. A mattress as in claim 1, further comprising a quilted material disposed
2 on top of the first and second padding layers.
- 1 13. A mattress as in claim 1, further comprising a border material disposed
2 around sides of the mattress core.
- 1 14. A mattress as in claim 1, further comprising a cover material disposed
2 over the bottom support layer.
- 1 15. A method for constructing a mattress, the method comprising:
2 providing a mattress core;
3 placing a first padding layer on top of the core, the first padding layer having a
4 contoured surface;
5 placing a second padding layer adjacent to the contoured surface of the first
6 padding layer; and
7 placing a relatively firm and dense bottom support layer beneath the mattress
8 core.
- 1 16. A method as in claim 15, wherein the core comprises a plurality of
2 springs disposed in fabric pockets, wherein the fabric pockets are disposed in rows, and
3 wherein adjacent rows of the fabric pockets are connected to each other near midpoints of
4 each of the pockets.
- 1 17. A method as in claim 15, wherein the core is selected from a group
2 consisting of spring cores, latex cores, visco-elastic cores and bladders.
- 1 18. A method as in claim 15, wherein the bottom support layer comprises a
2 matrix of foam elements.

- 1 19. A method as in claim 15, wherein the bottom support layer is selected
2 from a group consisting of bonded foam elements, polyurethane foam and fibers.
- 1 20. A method as in claim 18, wherein the bottom support layer has a
2 firmness in the range from about 30 IFD to about 80 IFD.
- 1 21. A method as in claim 15, wherein the bottom support layer has a
2 density of about one pound per cubic foot or greater.
- 1 22. A method as in claim 15, wherein the first padding layer and the
2 second padding layer comprise polyurethane foam, and wherein the contoured surface is
3 convoluted and faces away from the core.
- 1 23. A method as in claim 22, wherein the second padding layer has a
2 density in the range from about 0.5 pounds to about 1.9 pounds, and an IFD in the range from
3 about 5 to about 23.
- 1 24. A method as in claim 23, wherein the second padding layer has a
2 height in the range from about 3/8 inch to about 3 inches.
- 1 25. A method as in claim 15, further comprising incorporating the first and
2 second padding layers into a quilting.
- 1 26. A method as in claim 15, further comprising placing a border material
2 around sides of the core.
- 1 27. A method as in claim 15, further comprising placing a cover material
2 over the bottom support layer.